
MPO Rabbit pAb

Catalog Number: bs-1061R

Target Protein: MPO

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Cow, Dog, GuineaPig, Horse)

Predicted MW: 84 kDa

Detected MW: 15/55-60/84-90 kDa

Entrez Gene: 4353

Swiss Prot: P05164

Source: KLH conjugated synthetic peptide derived from human Myeloperoxidase: 51-150/745.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

[provided by RefSeq, Nov 2014]

PRODUCT SPECIFIC PUBLICATIONS

[IF=17.694] Zhang, Shengchang. et al. Remodeling articular immune homeostasis with an efferocytosis-informed nanoimitator mitigates rheumatoid arthritis in mice. NAT COMMUN. 2023 Feb;14(1):1-16 IHC ; Mouse . 36781864

[IF=7.4] Yaxi Zhou. et al. Two protein-derived peptides from Bombyx mori attenuate colitis by enhancing intestinal barrier function and modulating gut microbiota ecology. Food Frontiers. 2024 Aug;; IHC ; Mouse . 10.1002/fft2.469

[IF=6.064] Zhang Xuyang. et al. A modified method for constructing experimental rat periodontitis model. FRONT BIOENG BIOTECH. 2022 Dec;10:2451 IHC ; Rat . 10.3389/fbioe.2022.1098015

[IF=4.86] Li et al. Inhibition of p38/Mk2 signaling pathway improves the anti-inflammatory effect of WIN55 on mouse experimental colitis.

(2013) Lab.Inves. 93:322-33 IHC ; Mouse . 23381627

[IF=4.8] Song Xiaodong. et al. 5-oxoETE promote thrombosis in antiphospholipid syndrome by triggering NETs formation through PLC/PKC/ERK pathway. INFLAMM RES. 2024 Oct;;1-13 ELISA,IF ; Human,Mouse . 39377801